Quality Control

Dart Aerospace L	_td
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W/O:			W	ORK ORDER CHANGES	······································			ř.
DATE	STEP	PRO	OCEDURE CHA	ANGE	Ву	Date Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	:	PAR #:	Fault Cate	egory: NC	R: Yes N	No DQA:	Date: _	
	R	esolution:	Disposition	on: ' QA	A: N/C Clo	sed:	Date: _	
NCR:		\	WORK ORD	ER NON-CONFORMANC	E (NCR)			
DATE	OTES	Description of NC		Corrective Action Section B		Verification	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector
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DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspecto

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Work Ord		7314		*873	314*							Page 2
Item ID: Revision ID:	D412-702-	341		Accept	*N900	04 0	100)*	Setup	Start	1 71	S1*
Item Name:	13-Man Sho	oulder Harness, 3 point								Stop	*N:	S2*
Start Date: Required Date:	7/06/12 : 8/24/12	Start Qty: 3.00 Req'd Qty: 3.00	*3*		Cust Item I Customer:	D:						
Reference:			ر.		04500000							
Approvals:	Process P	Plan:	Date:	Tooling:	Da	ite:		,	Run	Start Stop	*N	R1*
	QC:		Date:	SPC (Y/N):	Da	ıte:				зюр	*N	R2*
Sequence ID/ Work Center I	D	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Rej Qty	•	Reject Number	Insp. Stamp
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120 Packaging		Packaging Memo		0.00				الوك	Z			12/18/16
Packaging		Identify and Location: PPP Rev:_	pack for shipping as per	PPP D412-702-341								
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Quality Control

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Part No		PAR #:	Fault Cate	egory:	NCF	R: Yes	No DQ /	A:	Date:	
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DATE	STEP	Description of NC Section A	Initial Chief Eng	Corrective Action Sec Action Description Chief Eng	ction B	Sign & Date	Verific Section		Approval Chief Eng	Approval QC inspector
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Picklist Print

July-13-12 11:51:19 AM

Work Order ID:

87314

Parent Item:

D412-702-341

Parent Item Name:

13-Man Shoulder Harness, 3 point

Manufactured

Manufactured

No

No

Start Date: 7/06/12

Required Date: 8/24/12

Page 1

Start Qty: 3.00

Required Qty: 3.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D412-702-30] Harness Assembly		Manufactured	No			105	Each	0.0000	2	6	B8.	7365	s
D412-702-303 Harness Assembly		Manufactured	No			105	Each	0.0000	[2]	6	B8	7397	\$
D412-702-305 Harness Assembly		Manufactured	No			105	Each	0.0000		3	B87	ومع	P
0412-702-307 Harness Assembly		Manufactured	No			105	Each	0.0000		3	,	1387"	
D412-702-309 Harness Assembly		Manufactured	No			105	Each	0.0000		3	5	577	
D412-702-311 Harness Assembly		Manufactured	No		-	105	Each	0.0000	Co	(Y 39	0113/1	87211	2
D412-702-313 Harness Assembly		Manufactured	No	,	· į	105	Each	0.0000		3	7	5875°	17_9
D412-702-315 Harness Assembly		Manufactured	No			105	Each	3.0000		3	SI		27
				Location ST267		Loc Oty 3	<u>L</u> c	oc Code	1				
D412-702-317 Harness Assembly		Manufactured	No	8320		105	Each	3.0000	0	3	af .	€	<u>S</u> m
				Location		Loc Oty	<u>L</u> c	oc Code					
				ST267 8209 8321		3 1 2							Λ

105

105

Each

Each

0.0000

0.0000

Harness Assembly

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W/O:	ТОЗРИОС			WORK ORDER	CHANGES				· · · · · · · · · · · · · · · · · · ·	•
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· 	4	 Ne	•							
Part No	:		PAR #:	Fault Category:	NC	R: Yes	No DQ	A:	_ Date: _	•
	· D.	esolution:		Disposition:		N/C C	locad:		Date:	

NCR:	•	WORK ORDER NON-CONFORMANCE (NCR)											
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DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approva QC Inspecto					
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Page 2

Work Order ID:	87314							
Parent Item:	D412-702-341					Start	Date: 7/06/12	Required Date: 8/24/12
Parent Item Name:	13-Man Shoulder Harness, 3 point					Star	t Qty: 3.00	Required Qty: 3.00
D412-702-059 Grommet	Manufactured	No		105	Each	7.0000	1	3
			Location	Loc Oty		Loc Code		5m0
			FG125	7				
			81657	7			3	
D3761+0-041 HOOK & LOOP STRIP	Manufactured	No		105	Each	6.0000		27 BBB512 215
			Location	Loc Qty		Loc Code		
			ST244A	6				
			83403	1			1	_ 5mb
			86178	5			5	
D3542-1 Bracket	Manufactured	No	, ~	105	Each	10.0000		<u> </u>
			Location	Loc Qty		Loc Code	el.	SIA
			ST245	10				Smo
			80480	10			Q	
D3571 ± 1 Guide	Manufactured	No		105	Each	23.0000	(5x)	21 B57248 d
			Location	Loc Qty		Loc Code		,
			ST245	23				- 5. A
			63965	1			9	2m()
			81655	22			(6)	
D3571-3. Guide	Manufactured	No		105	Each	10.0000	2 5	6
			Location	Loc Oty		Loc Code		SMS
			ST245	10			_	· /
			80481	10			6	
D3572-041 Guide Assembly	Manufactured	No		105	Each	8.0000	2 12	Shoul Carlot
Guide Assembly			<u>Location</u>	Loc Oty		Loc Code		
			ST260	8				- Shak
			81658	8				$\sim m_{\odot}$

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W/O:			W	ORK ORDER CHANG	GES				
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Picklist Print									Page 3
Work Order ID:	87314								
Parent Item:	D412-702-341						rt Date: 7/06/12	Required Da	
Parent Item Name:	13-Man Shoulder Harness, 3 poir	ıt				St	art Qty: 3.00	Required Q	ty: 3.00 イベ
D3578-031 Doubler	Manufactu	ired ^N	o	105	Each	64.0000	12 376	¥7 P	19: 3.00 18 940 S
<i>L</i> 3			Location	Loc Oty		Loc Code	32×		
		, .	ST244A	50				_	^
	·	j	65269	0					Simp
		,	80921	50				-	. /
			ST245A	14				_	
D3610401		. N	80380	14 105	Each	9.0000	6	_ ^	
Bracket	Manufactu	ıred ^N		103	Each	9.0000	2	6	
`'			Location	Loc Oty		Loc Code			
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1			84059	9			b	- ()	
(D361841) X2 CAP	Manufactu	ired ^N	o	105	Each	28.0000	ETTENDED I MANUFERTANISMO DE M	est.	SACRAGE STATE OF THE SACRAGE S
×3			Location	Loc Qty		Loc Code		•	
			ST245A	28				_ <	SMP
1			55669	28					, ,
AN4-IDA	Purchased	N	0	105	Each	60.0000		12	
Bolt			I nastina	I as 06.		Loc Code		- AP	5 m
,			<u>Location</u> ST356	<u>Loc Qty</u> 60		Loc Code			SMO
			117619	10				_	
Λ			2 121666	50			19		
AN4-16A	Purchased	N	o	105	Each	71.0000	W1997	HE 12/8	koe
X3 Bolt			Location	Loc Qty		Loc Code			
			ST358	71					

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Page 4

July-13-12 11.51							
Work Order ID: Parent Item:	87314 D412-702-341					Start Date: 7/06/12	Required Date: 8/24/12
. Parent Item Name:						Start Qty: 3.00	Required Qty: 3.00
AN4-25A BOLT	Purchased	No		105 E	Each 3	7.0000	12
431			Location	Loc Qty	Loc C	<u>ode</u>	Smo
			ST359	37		-	
**			116516	37		12	
AN4-27A Bott	Purchased	No		105 E	Each 39	9,0000	12
43			Location	Loc Qty	Loc C	<u>ode</u>	
			ST360	39			- 510B
			116516	1			- SmS
			121243	18		13	<u> </u>
			121444	20			 .
ANGLERA	Purchased	No		105 E	Each 3	0.0000	6
Bolt Bolt			Location	Loc Oty	Loc C	ode	Shy
			ST360	30			
			104806	30		<u> 6</u>	- A -
MS24693-S274 *3 Screw	Purchased	No	<u></u>	105 E	Each 1	35.0000	1/6
,			Location	Loc Qty	Loc C	ode	^
			ST288	135			5mD
			117441	135			<u></u>
MS24694-S56 SCREW	Purchased	No		105 E	Each 8	9.0000	las sf
23			Location	Loc Qty	Loc C	'ode	
			ST289A	89			_ S m6>
			120142	12		Α	
			121340	77		7	

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W/O:			W	ORK ORDER CHANG	ES					*
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		et								
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Part No	•	PAR #:	Fault Cat	egory:	_ NCR: \	'es N	o DQ A	\ :	_ Date: _	
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DATE	STEP	Description of NC			ion B		Verific	ation	Approval	Approval
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July-13-12 11:51:21 AM

Work Order ID: Parent Item:	87314 D412-702-341			•			Sta	rt Date: 7/06/12		Required Date: 8/24/12
Parent Item Name:	13-Man Shoulder H	Jarness, 3 point						art Qty: 3.00		Required Qty: 3.00
MS24694-S58 Screw	15 1743	Purchased	No		105	Each	87.0000	10	30	
Solew				Location	Loc Oty		Loc Code			SHO
				ST289A	87					
				116540	37			24		
				T20308	50			3		
MS24694-S60		Purchased	No		105	Each	84.0000		3	
Screw				Location	Loc Qty		Loc Code	on a control		5h/S
				ST289A	84					^
				104407	84			3		()
AN960JD416	NAS1149D0463J	Purchased	No		105	Each	29.0000	26	78	MIDZYY
Washer								C-34.		111100-1-1
				Location	Loc Qty		Loc Code			
				ST351	29					Sm/
				116289	8					^
	N. 401140D04141		.	119097	21	rt	6 0000			/)
N960JD416L Washer	NAS1149D0416J	Purchased	No		105	Each	6.0000	M	11209	roll
				Location	Loc Oty		Loc Code			
				FP002	6					SMO
				110153	6					Λ
<u>MS2104</u> 2L4		Purchased	No		105	Each	430.0000	12	36	المه دورودا
Sut	*								_n	12241204
•	•			Location	Loc Qty		Loc Code	•		5mg
				ST300	430					الما ال
				119075	116					
				121011	193					
ETPOOND O.O.			NI	121444	105	Each	0.0000	21		
Cherry Rivet		Purchased	No		105	Each	0.0000	Catalana di dia dia dia dia dia dia dia dia dia	72	M1/9075 12 SH SM
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Page 5

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DATE	STEP	PRO	OCEDURE CHA	NGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No	•	PAR #:	Fault Cate	gory:	NCR	: Yes N	lo DQ/	A :	_ Date: _	
	R	esolution:	Disposition	1: <u>`</u>	QA:	N/C Clo	sed:		Date:	
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DATE	STEP	Description of NC Section A	Initial Chief Eng	Corrective Action Sec Action Description Chief Eng	ction B	Sign & Date	Verific Section		Approval Chief Eng	Approval QC inspector
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DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-702 REV. E AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D412-702 REV. 3 **REF TCCA STC SH04-7**

REF FAA STC SR01997NY REF EASA STC EASA.I.M.R.S.00710

This service instruction adds several kits equipped with improved inertia reels:

The Dart D412-702-341 13-Man Shoulder Harness Kit provides 3-point harnesses with inertia reels and joined lap and shoulder belts for all 13 passenger seating positions in the aircraft cabin. The kit also contains hardpoints for securing the harnesses. The harnesses for this kit meet the requirements of TSO-C114 and replace the existing lap belts. This kit should be installed similar to the D412-702-041B kit, as detailed in Table 1 of this service instruction.

The Dart D412-702-343 5-Man Forward Facing Shoulder Harness Kit provides 3-point harnesses with inertia reels and joined lap and shoulder belts for the 5 forward facing seating positions in the aircraft cabin. The kit also contains hardpoints for securing the harnesses. The harnesses for this kit meet the requirements of TSO-C114 and replace the existing lap belts. This kit should be installed similar to the D412-702-043B kit, as detailed in Table 1 of this service instruction.

The Dart D412-702-345 4-Man Shoulder Harness Kit provides 3-point harnesses with inertia reels and joined lap and shoulder belts for the 4 aft facing seating positions in the aircraft cabin. The kit also contains hardpoints for securing the harnesses. The harnesses for this kit meet the requirements of TSO-C114 and replace the existing lap belts. This kit should be installed similar to the D412-702-045B kit, as detailed in Table 1 of this service instruction.

The Dart D412-702-347 4-Man Shoulder Hamess Kit provides 3-point hamesses with inertia reels and joined lap and shoulder belts for the 4 side facing seating positions in the aircraft cabin. The kit also contains hardpoints for securing the harnesses. The harnesses for this kit meet the requirements of TSO-C114 and replace the existing lap belts. This kit should be installed similar to the D412-702-047B kit, as detailed in Table 1 of this service instruction.

The Dart D412-702-349 1-Man Shoulder Harness Kit provides a 3-point harness with an inertia reel and joined lap and shoulder belts for the center forward facing seating position in the aircraft cabin. The kit also contains hardpoints for securing the harness. The harness for this kit meets the requirements of TSO-C114 and replaces the existing lap belts. This kit should be installed similar to the D412-702-049B kit, as detailed in Table 1 of this service instruction.

The Dart D412-702-351 1-man 3-point shoulder harness kits are available for the outboard seats of the 5-man forward facing bench in Bell 205/212/214/412 model aircraft. The kit can be installed LH or RH. These kits should be installed similar to the D412-702-051B/-052B kits, as detailed in Table 1 of this service instruction.

The Dart D214-702-337 5-Man Aft Facing Shoulder Harness Kit provides 3-point harnesses with inertial reels and joined lap and shoulder belts for the 5-man aft facing seat installed in the Bell 214B/B1 model aircraft. This kit should be installed similar to the D214-702-037B kit, as detailed in Table 1 of this service instruction.

The Dart D205-702-353 4-Man Aft Facing Shoulder Harness Kit provides 3-point harnesses with inertial reels and joined lap and shoulder hamesses for the 4-man aft facing seat installed in the UH-1 model aircraft. This kit should be installed similar to the D205-702-053B kit, as detailed in Table 1 of this service instruction.

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01

D. SHEPH#RD (DE # 02)

CERT. NO.: SH04-7 ISSUE NO .:

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Α	NEW IS	SSUE		CP	10.03.18
REV.			DESCRIPTION	BY	DATE
DESIGN		P	DART AEROSP	ACF	TD
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CHECK	ED .	A	DRAWING NO.		REV. A
MFG. AF	PPR.	N/A	DSI 9511	s	HEET 1 OF 6
APPRO	/ED	1.0	TITLE		SCALE
DE APP	R.	4	NEW SHOULDER HARNES	S KITS	NTS
DATE	10.0	3.18	COPYRIGHT © 2010 BY DART A THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNIC	ON THE EXPRES	S CONDITION THAT IT IS

SUBJECT TO AMENDMEN ENGINEERING

INSTALLATION

The Dart D412-702-3XX kits should be installed similar to the kits in Installation Instructions IIN-D412-702 Rev. E or Dart Service Instruction (DSI) listed below:

TABLE 1

Part Number	Description	Install similar to:
D412-702-341	Shoulder Harness Kit	D412-702-041B (IIN-D412-702, DSI 9408)
D412-702-343	Shoulder Harness Kit	D412-702-043B (IIN-D412-702, DSI 9453 [214], DSI 9408)
D412-702-345	Shoulder Harness Kit	D412-702-045B (IIN-D412-702, DSI 9469)
D412-702-347	Shoulder Harness Kit	D412-702-047B (IIN-D412-702, DSI 9408)
D412-702-349	Shoulder Harness Kit	D412-702-049B (IIN-D412-702, DSI 9408)
D412-702-351	Shoulder Harness Kit	D412-702-051B (LH) (DSI 9397, DSI 9408) D412-702-052B (RH) (DSI 9397, DSI 9408)
D214-702-337	Shoulder Harness Kit	D214-702-037B (DSI 9454)
D205-702-353	Shoulder Harness Kit	D205-702-053B (DSI 9460)
D412-702-301	Harness Assembly	D412-702-101B (IIN-D412-702)
D412-702-303	Harness Assembly	D412-702-103B (IIN-D412-702)
D412-702-305	Harness Assembly	D412-702-105B (IIN-D412-702)
D412-702-307	Harness Assembly	D412-702-107B (IIN-D412-702)
D412-702-309	Harness Assembly	D412-702-109B (IIN-D412-702)
D412-702-311	Harness Assembly	D412-702-111B (IIN-D412-702)
D412-702-313	Harness Assembly	D412-702-113B (IIN-D412-702)
D412-702-315	Harness Assembly	D412-702-115B (IIN-D412-702)
D412-702-317	Harness Assembly	D412-702-117B (IIN-D412-702)
D412-702-319	Harness Assembly	D412-702-119B (DSI 9454)
D412-702-321	Harness Assembly	D412-702-121B (DSI 9454, DSI 9469)
D412-702-323	Harness Assembly	D412-702-123B (DSI 9454, DSI 9469)

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

BY: D. SHEPHERD (DE # 02)

DATE: 10.03.22
CERT. NO.: SH04-7
ISSUE NO.: 3

DESIGN	9	DART AEROSPAC	E LTD					
DRAWN	97	HAWKESBURY, ONTARIO, CANADA						
CHECKED		DRAWING NO.	REV. A					
MFG. APPR.	N/A	DSI 9511	SHEET 2 OF 6					
APPROVED	1:0	TITLE	SCALE					
DE APPR.	-#-	NEW SHOULDER HARNESS KI	rs nts					
DATE 10.0	3.18	COPYRIGHT © 2010 BY DART AEROSF THIS DOCUMENT IS PRINATE AND CONFIDENTIAL AND IS SUPPLIED ON THE E NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO J WHITTEN PERMASSION FROM DART AEROSPACE	XPRESS CONDITION THAT IT IS INY OTHER PERSON WITHOUT					

TABLE 2

QTY -341	QTY -343	QTY -345	QTY -347	QTY -349	QTY -351	Part Number	Description
х						D412-702-341	Dart 13-Man 3-Point Shoulder Harness Kit
	x					D412-702-343	Dart 5-Man 3-Point Forward Facing Shoulder Harness Kit
		х				D412-702-345	Dart 4-Man 3-Point Aft Facing Shoulder Harness Kit
			х			D412-702-347	Dart 4-Man 3-Point Side Facing Shoulder Harness Kit
	!			х		D412-702-349	Dart 1-Man 3-Point Forward Shoulder Harness Kit
					Х	D412-702-351	Dart 1-Man 3-Point Shoulder Harness Kit
1	1		1	1	 -	D412-702-059	GROMMET KIT
9	5		4	1	1	D3761-1-041	HOOK AND LOOP STRIP (DSI 9408)
						5442 555 554	
2 1*	1*		1*			D412-702-301	HARNESS ASSEMBLY (NEW)
1*	1*		1*			D3573-7 D4088-041	ADAPTER
4*	4*		4*			MS24693S272	SHOULDER HARNESS (NEW) SCREW
4*	4*		4*			AN960JD10LL	WASHER
4*	4*		4*			MS21042L3	NUT
2	1		1			D412-702-303	HARNESS ASSEMBLY (NEW)
1*	1*		1*		· · · · · · · · · · · · · · · · · · ·	D3573-8	ADAPTER
1*	1*		1*			D4088-041	SHOULDER HARNESS (NEW)
4*	4*		4*			MS24693S272	SCREW
4*	4*		4*			AN960JD10LL	WASHER
4*	4*		4*			MS21042L3	NUT
1	1			1		D412-702-305	HARNESS ASSEMBLY (NEW)
1*	1*			1*		D3573-1	ADAPTER
1*	1*			1*		D4088-041	SHOULDER HARNESS (NEW)
4*	4*			4*		MS24693S273	SCREW
4*	4*			4*		AN960JD10LL	WASHER
4*	4*			4*		MS21042L3	NUT
1	1				1	D412-702-307	HARNESS ASSEMBLY (NEW)
1*	1*				1*	D3573-3	ADAPTER
1*	1*				1*	D4088-041	SHOULDER HARNESS (NEW)
4*	4*				4*	MS24693S272	SCREW
4*	4*				4*	AN960JD10LL	WASHER
4*	4*				4*	MS21042L3	NUT
1	1					D412-702-309	HARNESS ASSEMBLY (NEW)
1*	1*					D3573-3	ADAPTER
1*	1*				- · · · · · · ·	D4088-041	SHOULDER HARNESS (NEW)
4*	4*					MS24693S272	SCREW
4*	4*					AN960JD10LL	WASHER
4*	4*					MS21042L3	NUT

* denotes that part is included in assembly above

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-0-01

BY: D. SHEPH#RD (DE # 02)

DATE:	10.03.22
CERT. NO.:	SH04-7
ISSUE NO.:	3

continued next page...

DESIGN	P	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
DRAWN	9?				
CHECKED	4	DRAWING NO.	REV. A		
MFG. APPR.	N/A	DSI 9511	SHEET 3 OF 6		
APPROVED	1.0	TITLE	SCALE		
DE APPR.	-#	NEW SHOULDER HARNESS KIT	S NTS		
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QYY -341	QTY -343	QTY -345	QTY -347	QTY -349	QTY -351	Part Number	Description
1		1			ļ	D412-702-311	HARNESS ASSEMBLY (NEW)
1*	<u> </u>	1*			ļ	D3570-1	BRACKET
1*		1*				D4088-043	SHOULDER HARNESS (NEW)
4*	1	4*				MS24694S50	SCREW
4*		4*				AN960JD10L	WASHER
4*		4*		ļ		MS21042L3	NUT
1		1				D412-702-313	HARNESS ASSEMBLY (NEW)
1*		1*				D3570-2	BRACKET
1*		1*				D4088-043	SHOULDER HARNESS (NEW)
4*		4*				MS24694S50	SCREW
4*		4*				AN960JD10L	WASHER
4*		4*				MS21042L3	NUT
1			1			D412-702-315	HARNESS ASSEMBLY (NEW)
1*			1*			D3573-5	ADAPTER
1*			1*		1	D4088-041	SHOULDER HARNESS (NEW)
4*			4*			MS24693S272	SCREW
4*			4*			AN960JD10LL	WASHER
4*			4*			MS21042L3	NUT
1			1			D412-702-317	HARNESS ASSEMBLY (NEW)
1*			1*			D3573-5	ADAPTER
1*			1*			D4088-041	SHOULDER HARNESS (NEW)
4*			4*			MS24693S272	SCREW
4*			4*			AN960JD10LL	WASHER
4*			4*			MS21042L3	NUT
1		1				D412-702-321	HARNESS ASSEMBLY (NEW)
1*		1*				D3570-3	BRACKET
1*		1*				D4088-043	SHOULDER HARNESS (NEW)
4*		4*				MS24694S50	BOLT
4*		4*				AN960JD10L	WASHER
4*		4*				MS21042L3	NUT
1		1				D412-702-323	HARNESS ASSEMBLY (NEW)
1*		1*				D3570-4	BRACKET
1*		1*				D4088-043	SHOULDER HARNESS (NEW)
4*		4*				MS24694S50	BOLT
4*		4*				AN960JD10L	WASHER
4*		4*				MS21042L3	NUT

* denotes that part is included in assembly above

continued next page...

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01
APPROVED

DATE: 10.03.22 CERT. NO.: SH04-7 ISSUE NO.: 3

DESIGN	9	DART AEROSPACE	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
DRAWN	97	HAWKESBURY, ONTARIO, CAN			
CHECKED	A	DRAWING NO.	REV. A		
MFG. APPR. N/A		DSI 9511	SHEET 4 OF 6		
APPROVED	10	TITLE	SCALE		
DE APPR.		NEW SHOULDER HARNESS KITS NTS			
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... continued from previous page

QTY -341	QTY -343	QTY -345	QTY -347	QTY -349	QTY -351	Part Number	Description
2	2					D3542-1	BRACKET
. 7	3		4	1		D3571-1	GUIDE
2	2					D3571-3	GUIDE
2		2				D3572-041	GUIDE ASSEMBLY
12	6		6_	_ 2		D3578-041	DOUBLER
2	2					D3610-041	BRACKET
2	2					D3618-1	CAP
4	4					AN4-10A	BOLT
2		2				AN4-16A	BOLT
4		4				AN4-25A	BOLT
4		4				AN4-27A	BOLT (DSI 9469)
2	2					AN4-44A	BOLT
2	2					MS24693S274	SCREW
3	3			1		MS24694S56	SCREW
10	2		8			MS24694S58	SCREW
1	1			1		MS24694S60	SCREW
26	6	20				AN960JD416	WASHER
4	4					AN960JD416L	WASHER
12	6	6				MS21042L4	NUT
24	12		12	4		CR3212-4-4	RIVET

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

BY: D. SHEPHERD (DE # 02)

DATE: 10.03.22
CERT. NO.: SH04-7
ISSUE NO.: 3

DESIGN	97				
DRAWN	93				
CHECKED	4				
MFG. APPR.	N/A				
APPROVED	150				
DE APPR.	-1#				
DATE 10.03.18					

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA

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 DSI 9511
 SHEET 5 OF 6

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NEW SHOULDER HARNESS KITS

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TABLE 3

QTY -337	QTY -353	Part Number	Description
Х		D214-702-337	Dart 5-Man 3 Point Aft Facing Shoulder Harness Kit, for 214 Aircraft
	х	D205-702-353	Dart 4-Man 3 Point Aft Facing Shoulder Harness Kit, for UH-1 Aircraft
1	2	D412-702-311	HARNESS ASSEMBLY (NEW) -> SEE TABLE 2
1	_ 2	D412-702-313	HARNESS ASSEMBLY (NEW)> SEE TABLE 2
1		D412-702-321	HARNESS ASSEMBLY (NEW) -> SEE TABLE 2
1		D412-702-323	HARNESS ASSEMBLY (NEW)> SEE TABLE 2
1		D412-702-319	HARNESS ASSEMBLY (NEW)
1*	1	D3925-041	BRACKET
1*		D4088-043	SHOULDER HARNESS ASSEMBLY (NEW)
4*		MS24694S50	BOLT
4*		AN960JD10L	WASHER
4*		MS21042L3	NUT
	1	D3572-043	GUIDE ASSY
	1	D3572-044	GUIDE ASSY
1	 	D3920-041	SEATBELT GUIDE ASSEMBLY
2		D3920-5	SEATBELT GUIDE
1	6	AN4-16A	BOLT
1		AN4-21A	BOLT
7		AN4-25A	BOLT
18	12	AN960JD416	WASHER
9	6	MS21042L4	NUT

^{*} denotes that part is included in assembly above

DESIGN

CANADA
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AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

BY: D. SHEPHERD (DE # 02)

DATE: 10.03.22 CERT. NO.: SH04-7 ISSUE NO.: 3

DRAWN	97	HAWKESBURY, ONTARIO, CANADA			
CHECKED	4	DRAWING NO.	REV. A		
MFG. APPR.	N/A	DSI 9511 sh	EET 6 OF 6		
APPROVED	149	TITLE	SCALE		
DE APPR.	-#	NEW SHOULDER HARNESS KITS	NTS		
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IIN-D412-702-2 Page 42 of 42

QTY -337	OTY [-341]	QTY -343	QTY -345	QTY -347	QTY -349	QTY -351	Part Number	Description
Х							D214-702-337	Dart 5-Man 3 Point Aft Facing Shoulder Harness Kit, for 214 Aircraft
	х						D412-702-341	Dart 13-Man 3-Point Shoulder Harness Kit
		х					D412-702-343	Dart 5-Man 3-Point Forward Facing Shoulder Harness Kit
			Х				D412-702-345	Dart 4-Man 3-Point Aft Facing Shoulder Harness Kit
				X			D412-702-347	Dart 4-Man 3-Point Side Facing Shoulder Harness Kit
					Х		D412-702-349	Dart 1-Man 3-Point Forward Facing Shoulder Harness Kit
						X	D412-702-351	Dart 1-Man 3-Point Shoulder Harness Kit
-		1 ===					D412-702-059	=GROMMET-KIT
	=2=	1					*D412=702=301=	HARNESS ASSEMBLY
	=2=			1				=HARNESS:ASSEMBLY
	CZ=	1			_1_			=HARNESS:ASSEMBLY
							D412-702-307	THARNESS ASSEMBLY—
	=						I	
				==				=HARNESS:ASSEMBLY
1			=1=					=HARNESS-ASSEMBLY
1	4=		1					=HARNESS:ASSEMBLY
				==1=			=D412:702:315=	=HARNESS:ASSEMBLY
				1-1-			_D412-702-317	=HARNESS:ASSEMBLY
1							D412-702-319	HARNESS ASSEMBLY
1			 1				⇒D412-702-321 <u>—</u>	_HARNESS ASSEMBLY
1	4=		==1==				D412-702-323	=HARNESS:ASSEMBLY
	-2		3			1	D3542-1	BRACKET
	7-	3-		4	1		D3571=1====	-GUIDE-
	-2 -	==2				1_	D357.1-3	-GUIDE-
	~ 2=		2				-D3572-041	GUIDE ASSEMBLY
	412-	==6==		—6—	2-		-D3578:041	=D⊙U8LER
	-2-	2=				=1=	D3610-041	∍BRACKET
	6 2=	==2==				1	-D3618-1	-GAP
	 			2			D3677-1	SPACER
	9=	=5=		<u> </u>	=1=	1_	=D3761=1=041	-HOOK-AND-LOOP:STRIP-
1							D3920-041	SEATBELT GUIDE ASSEMBLY
2		 					D3920-5	SEATBELT GUIDE
	-4-	1_				2=	=AN4=10A	-BOLT>
1							=AN4=16A===	-BOLT
	==2	 					 	BOLT
1 -							AN4-21A	
7	4		=4= =4=			-	=AN4-25A===== =AN4-27A	≠BOLT
			4-					BOLT
	e 2=	2=		1	,		AN4-44A	BOLT AND COLORS IN
18	26=		=20=			3=	=AN960JD416	=WASHER=(@R:NAS1149D0463J)
	4	4				2	=AN960JD416L	WASHER (OR NAS1149D0416J)
	=24=	— 12 —		==12=	=4		ECR3212:4-4	RIVET
9	C 12	6	6	ļ	<u> </u>	3	MS21042L4	NUT (OR MS21042-4)
				6			MS21069L3	ANCHOR NUT
	2=	==2==				1	=MS24693S274=	
				2			MS24694S282	SCREW
	C 3=	3			1-		-MS24694S56	-SCREW
4 _		<u>=2</u> =		8=			-MS24694S58=	=SCREW

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